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Des Moines County, Iowa

Map symbol and soil name	Pond reservoir ar 	eas	Embankments, dikes, and   levees			
			   Rating class and   limiting features 			
11:		'		'		
Sparta					  Very limited   Deep to water	11.00
1B:	 		 		 	
Sparta			Very limited   Seepage			11.00
1:			177 1 / / 1 1			į
Vesser		0.70	Depth to	11.00		10.30
	 		saturated zone   Piping 	0.05	Cutbanks cave	  0.10  0.01
54:						
Zook	Somewhat limited   Seepage	0.01	Depth to	11.00		10.95
	 		saturated zone   Hard to pack		'	0.10
6B:	 		 		 	1
Cantril	•	0.70	Depth to	0.43	Slow refill	10.30
	   		saturated zone   Piping 	0.03	Deep to water	  0.25  0.10
8E:	 		 		 	
Douds	Seepage	  1.00  0.04	İ		Very limited   Deep to water 	11.00
55D2:	 		 		 	
Lindley	Seepage		Piping			  1.00 
55E:	 		 		 	[ [
Lindley	Seepage		Somewhat limited   Piping 			11.00
5E2:						
Lindley	Seepage		Piping			11.00

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Des Moines County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes   levees	, and	<del>-</del>	ls
			Rating class and   limiting features			
55F: Lindley	Slope		Piping		    Very limited   Deep to water 	
55G: Lindley	Slope		Piping			11.00
4: Rubio	  Somewhat limited   Seepage 			11.00	  Somewhat limited   Slow refill     Cutbanks cave	    0.30    0.10
75: Givin	•		  Somewhat limited   Depth to   saturated zone 	0.43	l	      0.95    0.25  0.10
6B: Ladoga	    Somewhat limited   Seepage		•		    Very limited   Deep to water	      1.00
6C: Ladoga	   Somewhat limited   Seepage	 			    Very limited   Deep to water	1 1.00
6C2: Ladoga	  -  Somewhat limited   Seepage	1 1 1 1 0.70			    Very limited   Deep to water	1 1 . 00
0B: Clinton	  -   Somewhat limited   Seepage	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			    Very limited   Deep to water	1   1   1   1   1   1   1   1   1   1
OC: Clinton	  -  Somewhat limited   Seepage	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			    Very limited   Deep to water	1   1   1   1   1   1   1   1   1   1
0C2: Clinton	     Somewhat limited    Seepage	1   1   1   1   1   1   1   1   1   1			    Very limited   Deep to water	1   1   1   1   1   1   1   1   1   1

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Des Moines County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and   levees		Aquifer-fed   excavated ponds	
	   Rating class and   limiting features 		   Rating class and   limiting features 		=	
BOD: Clinton	Seepage	      0.70  0.01	•		  Very limited   Deep to water	1 1.00
0D2: Clinton	'	0.70	•		  Very limited   Deep to water	1.00
22: Sperry	  Somewhat limited   Seepage 		  Very limited   Depth to   saturated zone   Hard to pack	11.00	  Somewhat limited   Slow refill     Cutbanks cave	    0.30    0.10
30: Belinda	    Somewhat limited   Seepage 	      0.01	    Very limited   Depth to   saturated zone   Hard to pack	11.00	  Somewhat limited   Slow refill     Cutbanks cave	      0.30    0.10
131B: Pershing	    Somewhat limited   Seepage 		Mard to pack	 	    Somewhat limited   Slow refill     Deep to water	      0.95    0.25
131C2: Pershing	    Somewhat limited   Seepage 	        0.05	      Somewhat limited   Depth to   saturated zone 	        0.43		0.10      0.95    0.25  0.10
132B: Weller	    Somewhat limited   Seepage 	      0.05	    Somewhat limited   Depth to   saturated zone		    Somewhat limited   Slow refill	        0.95
132C: Weller	      Somewhat limited   Seepage 	        0.05	      Somewhat limited   Depth to   saturated zone 	0.43	Cutbanks cave        Somewhat limited	0.10        0.95    0.25  0.10

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Des Moines County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes   levees 	, and	· •	ls
			Rating class and   limiting features 		<del>-</del>	
32C2: Weller	•		    Somewhat limited   Depth to   saturated zone		    Somewhat limited   Slow refill	      0.95
	 		Saturated Zone			0.25
33: Colo	  Somewhat limited   Seepage 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. 4	11.00	İ	    0.30    0.10
33B: Colo	  -  -  Somewhat limited   Seepage	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Depth to	      1.00	    Somewhat limited	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	 	 	saturated zone   		   Cutbanks cave 	  0.10 
135: Coland	-	11.00	Depth to saturated zone Seepage	11.00	 	    0.10   
58: Dorchester	    Somewhat limited   Seepage	1   1   1   1   1   1   1   1   1   1			    Very limited   Deep to water 	1   1   1   1   1   1   1   1   1   1
63B: Fayette					•	1 1.00
63C: Fayette			  Somewhat limited   Piping			11.00
63C2: Fayette			•		  Very limited   Deep to water	1 1.00
63D: Fayette	Seepage		Piping		    Very limited   Deep to water 	1 1.00

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Des Moines County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes   levees		Aquifer-fed excavated pond	ls
			Rating class and   limiting features			
.72: Wabash	 		  Very limited   Depth to   saturated zone   Hard to pack	1.00 		    1.00    0.10
73: Hoopeston	  Very limited   Seepage   		Depth to   saturated zone	1.00 		11.00
74: Bolan	    Very limited   Seepage		    Somewhat limited   Seepage		<del>-</del>	      1.00
74B: Bolan	  Very limited   Seepage		    Somewhat limited   Seepage 		=	11.00
75: Dickinson	  Very limited   Seepage		  Somewhat limited   Seepage			11.00
75B: Dickinson	  Very limited   Seepage		  Somewhat limited   Seepage		<del>-</del>	11.00
79D2: Gara	Seepage	0.05			  Very limited   Deep to water	11.00
79E: Gara	Seepage		Piping		  Very limited   Deep to water	1 1.00
79E2: Gara	  Somewhat limited   Seepage   Slope				  Very limited   Deep to water 	1 1.00
80: Keomah	  Somewhat limited   Seepage 	      0.05	    Somewhat limited   Depth to   saturated zone	      0.43	    Somewhat limited   Slow refill 	      0.95
	 		 	 	Deep to water   Cutbanks cave	0.25  0.10

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Des Moines County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes   levees	, and	<del>-</del>	ls
	Rating class and   limiting features		   Rating class and   limiting features 			
08: Klum	· •		•	0.07	<u>.</u>	      0.96  0.10
20: Nodaway	 - Somewhat limited   Seepage 		· -	1.00 	Slow refill	    0.81  0.30  0.10
22C: Clarinda	  - Not limited   		· -	1.00 	I	11.00
23C2: Rinda	  - Not limited   			1.00 	  Very limited   Deep to water   	1 1.00
23D2: Rinda	  - Somewhat limited   Slope 	0.01	<del>-</del>	1.00 	    Very limited   Deep to water   	1 1.00
63: Okaw	  - Not limited   		•	11.00		    0.30    0.10
.63B: Okaw	  - Not limited   		' -	11.00	•	    0.30    0.10
79: Taintor	  - Somewhat limited   Seepage 		Depth to saturated zone	11.00	'	0.95

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Des Moines County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes   levees	, and	Aquifer-fed excavated pond	ls
	Rating class and   limiting features		Rating class and   limiting features		   Rating class and   limiting features 	Value
280: Mahaska	    Somewhat limited   Seepage     	0.70	· ±	0.43	İ	    0.30    0.25  0.10
281B: Otley		10.70	    Not limited 		    Very limited   Deep to water	11.00
281C2: Otley		10.70	    Not limited 	     	    Very limited   Deep to water 	11.00
291: Atterberry	  Somewhat limited   Seepage     			11.00	   Cutbanks cave	  0.30    0.10  0.01
362: Haig	    Somewhat limited   Seepage   		  Very limited   Depth to   saturated zone 	      1.00 		      0.30    0.10
364B: Grundy	    Not limited       		Depth to saturated zone	0.95 	  Very limited   Slow refill     Cutbanks cave   Deep to water	    1.00    0.10  0.02
424D: Lindley	Seepage				  Very limited   Deep to water   	1 1.00
Keswick	  Somewhat limited   Seepage 		  Very limited   Depth to   saturated zone		  Somewhat limited   Slow refill 	    0.95
	Slope	0.01				0.10

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Des Moines County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes, and   levees		Aquifer-fed   excavated ponds	
	Rating class and   limiting features		   Rating class and   limiting features 		=	
24D2:	1	 	1 I		 	
Lindley	Seepage		Piping		Very limited   Deep to water 	11.00
Keswick			Depth to	11.00	  Somewhat limited   Slow refill 	    0.95
	Slope	0.01	  -			0.10
25D: Keswick	  Somewhat limited   Seepage	1   1   1   1   1   1   1   1   1   1	Depth to		    Somewhat limited   Slow refill	1   1   1   1   1   1   1   1   1   1
	Slope	0.01	saturated zone   	   		  0.10  0.01
125D2: Keswick	    Somewhat limited	   	    Very limited	   	    Somewhat limited	   
			Depth to saturated zone		Slow refill	0.95 
	Slope	0.01	  -			0.10
30: Ackmore				11.00	    Somewhat limited   Slow refill	1   1   1   1   1   1   1   1   1   1
	 		Sacuraced Zone	İ	•	0.10
153: Tuskeego	    Not limited	     	    Very limited   Depth to   saturated zone	11.00	    Somewhat limited   Slow refill	1 1 1 1 0 . 30
	 		Sacuraced Zone   		   Cutbanks cave 	0.10
78G: Nordness	Seepage   Depth to bedrock	1.00	Thin layer 		  Very limited   Deep to water   	11.00
Rock Outcrop	  Not rated		  Not rated		  Not rated	

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Des Moines County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes   levees	, and	Aquifer-fed excavated pond	ls
	Rating class and   limiting features		Rating class and   limiting features		   Rating class and   limiting features 	
484: Lawson	    Somewhat limited   Seepage   		, 1 2	11.00	'	    0.30  0.10    0.01
99F: Nordness	·	1.00	1		  Very limited   Deep to water   	11.00
520: Coppock	  Somewhat limited   Seepage   	    0.70   	  Very limited   Depth to   saturated zone   	1 1.00	   Cutbanks cave	    0.30    0.10  0.01
70B: Nira	'	      0.70	    Not limited 		    Very limited   Deep to water	      1.00
70C2: Nira	'	1   1   1   1   1   1   1   1   1   1	    Not limited 	     	    Very limited   Deep to water	1   1   1   1   1   1   1   1   1   1
71B: Hedrick	  Somewhat limited   Seepage 	10.70	    Not limited   	     	    Very limited   Deep to water 	11.00
71C2: Hedrick	  Somewhat limited   Seepage 	10.70	  Not limited   		  Very limited   Deep to water	1 1.00
72B: Inton	  Somewhat limited   Seepage 	10.70	  Not limited   	       	  Very limited   Deep to water	1 1.00
72C2: Inton	  Somewhat limited   Seepage	0.70	    Not limited 		    Very limited   Deep to water	11.00
30B: Nodaway	  Somewhat limited   Seepage 		  Very limited   Piping 	11.00	  Somewhat limited   Deep to water   Slow refill   Cutbanks cave	    0.81  0.30  0.10

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Des Moines County, Iowa

Map symbol and soil name	Pond reservoir ar	eas	Embankments, dikes   levees	, and	Aquifer-fed excavated pond	ls
	Rating class and   limiting features		Rating class and   limiting features			
Cantril	  - Somewhat limited   Seepage   		saturated zone	0.43	Somewhat limited   Slow refill	  0.30    0.25  0.10
Klum	  Very limited   Seepage 		  Somewhat limited   Seepage 		•	  0.96  0.10
79: Kalona	  -  Somewhat limited   Seepage   			11.00	  Somewhat limited   Slow refill     Cutbanks cave	    0.95    0.10
93: Bertrand	    - Very limited   Seepage		=		  Very limited  Deep to water	1   1   1   1   1   1   1   1   1   1
93B: Bertrand	  -  Very limited   Seepage		    Very limited   Piping		  Very limited  Deep to water	1 1.00
95D2: Ashgrove	  - Somewhat limited   Slope 		_	1.00	  Very limited   Deep to water 	11.00
34: Titus	  - Somewhat limited   Seepage   		  Very limited   Depth to   saturated zone 	11.00	  Somewhat limited   Slow refill     Cutbanks cave	    0.95    0.10
80B: Clinton	•	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	    Not limited 		    Very limited   Deep to water	1   1   1   1   1   1   1   1   1   1
93D2: Gara	  - Somewhat limited   Seepage   Slope	    0.05  0.01		     	  Very limited   Deep to water	
Rinda	  - Somewhat limited   Slope   		  Very limited   Depth to   saturated zone   Hard to pack	  1.00    0.95		1 1.00

04/26/2002

USDA-NRCS, IOWA

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Des Moines County, Iowa

Map symbol and soil name	Pond reservoir ar 	eas	Embankments, dikes   levees	, and	Aquifer-fed excavated pond	ls
	   Rating class and   limiting features 		   Rating class and   limiting features 			
50: Niota Variant	    Not limited   		Depth to   saturated zone	11.00	    Very limited   Deep to water   	1 1.00
50D: Niota Variant	    Somewhat limited   Slope   	0.01	Depth to   saturated zone	1.00	  Very limited   Deep to water   	11.00
60: Shaffton	    Very limited   Seepage   	1   1.00	Seepage	11.00	    Very limited   Cutbanks cave   Deep to water 	    1.00  0.25
61: Ambraw	  Somewhat limited   Seepage   		  Very limited   Depth to   saturated zone   Piping	11.00	  Somewhat limited   Slow refill     Cutbanks cave	0.30
273B: Olmitz Variant	    Somewhat limited   Seepage				    Very limited  Deep to water	1   1   1   1   1   1   1   1   1   1
273C: Dlmitz Variant	    Somewhat limited   Seepage		    Somewhat limited   Piping		    Very limited   Deep to water	1 1.00
316: Fluvaquents	    Not rated 		    Not rated 		    Not rated 	 
587: Dolbee	    Somewhat limited   Seepage   	0.70	  -  Very limited   Depth to   saturated zone 	11.00		0.30
826: Snider	  Somewhat limited   Seepage     	    0.70   	  Very limited   Piping   Depth to   saturated zone	11.00	'	    0.30  0.10    0.01

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Des Moines County, Iowa

Map symbol and soil name	Pond reservoir ar 	eas	Embankments, dikes   levees	, and		ls
			   Rating class and   limiting features 			
208: Klum	. =		    Somewhat limited   Seepage 	0.07		    0.96  0.10
226: Elrin	  Very limited   Seepage 	    1.00	  Somewhat limited   Seepage 	0.41	  Very limited   Cutbanks cave   Deep to water	11.00
484: Lawson	  Somewhat limited   Seepage 		Depth to   saturated zone	1.00 	Slow refill 	    0.30    0.10
000: Urban Land	  -  -  Not rated  -	         	   	 	'	0.10
010: Pits	      Not rated   	         	      Not rated   	         	      Not rated   	         
030: Pits	    Not rated 	       	    Not rated 		    Not rated 	     
040: Orthents	      Not rated 	       	    Not rated 	       	    Not rated 	       
080: Orthents	      Not rated   	       	    Not rated 	       	    Not rated 	       
: Water	    Not rated 	     	    Not rated 	       	    Not rated	